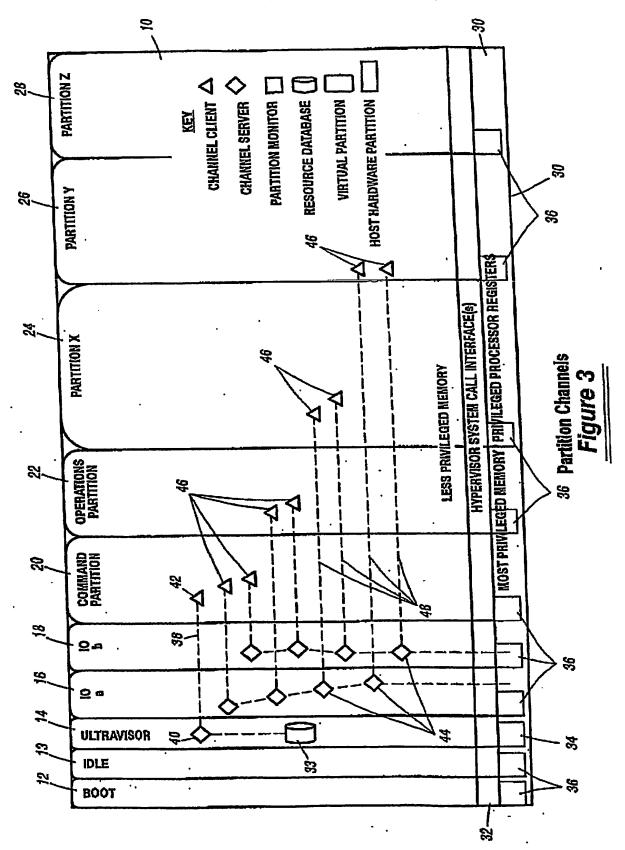
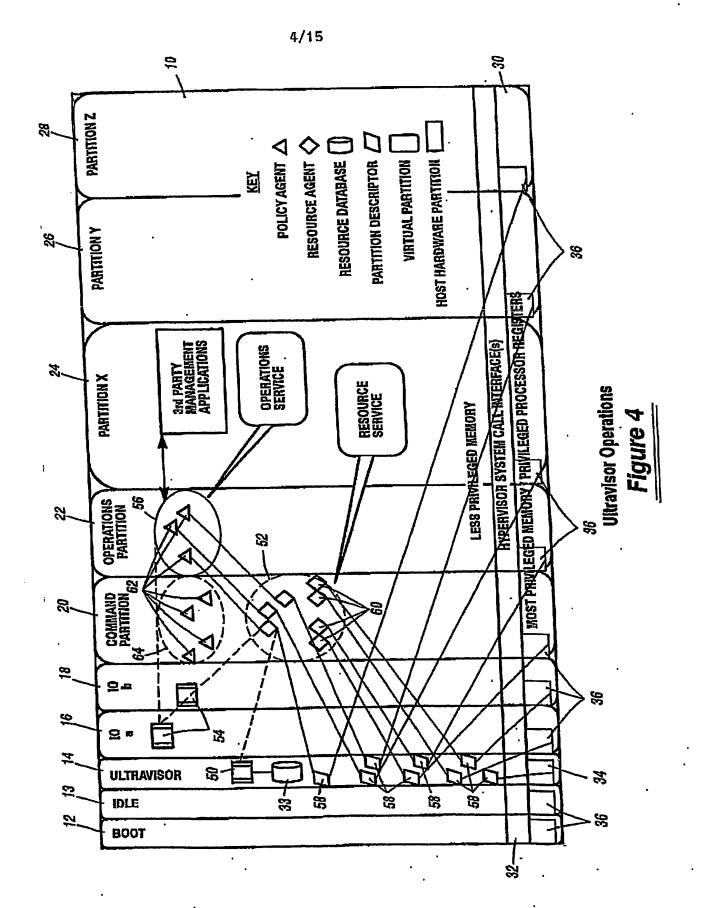


AMENDED SHEET

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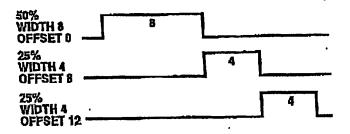
AMENDED SHEET

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PCT/USUS/BBEF_CREETS

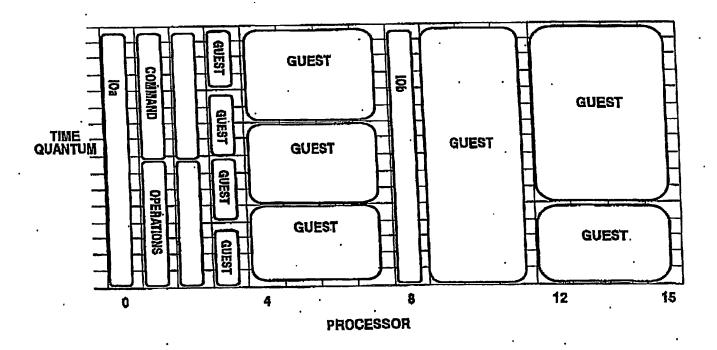
5715

OVERLAPPED PROCESSOR THROTTLING - DEFAULT 4 BIT DUTY WIDTH (1/16 = 6.25%)



Processor Sharing

Figure 5



Processor Schedule

Figure 6

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	SI Name Page Table Pageantry IA32/ENI32T	+	+	meda PUMM PME PD/PDE	+	+	-	+	PPE	+	Exa PEM PEE	+	zetta P.Z.	DVM PYE	
	SI Name	1			1	 *	+	· tera			Exa	1	zetta z		y youra
•	Si Prefix	\dashv			2 0		2	4		157		9	Ţ		α

SI Prefixes for Page Table Hierarchy

AMENDED SHEET

ipeavus

etroneser eser o december

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Function GetMemoryOwner [T : 0_1023, G:0_1023, M:0_1023, K:0_1023] of Int32

Memory Index Ref 1 GB MB KB

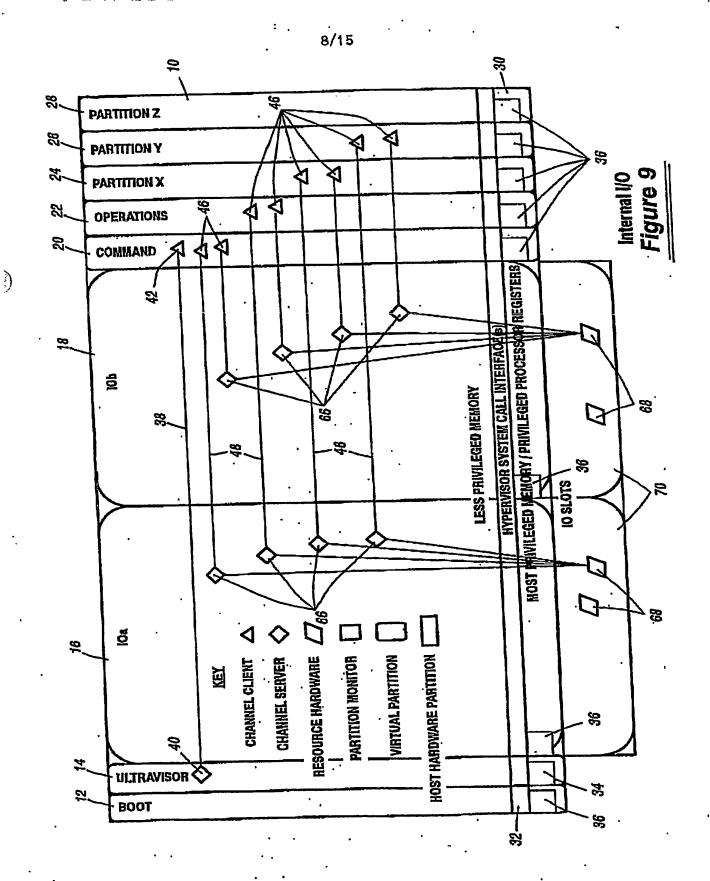
Partition number (32 bits) OS Node (GB) MB KB

	•		
PGM: T=0 G=x	PMM: T=0 G=0 M=x	PMM: T=0 G=15 M=x	PKM: G=0 M=1 K=x
0: [-, 0,1,1] 1: [0,1,25] 2: [0,1,20] 14:\[0,1,20] 15: [-,0,1,16] 16: [0,1,19] 1023 [0,\[1,19] Mem[0,1,0] Ultravisor Index Type: Index MapHigh [0,0,0] MapLow [0,1,0] MapOrder 3	0: [-, 0,1,22] 1: [-,0,1,18] 2: [0,1,24] 3: [0,1,20] 767: [0,1,20] 768: [0,1,26] Mem[0,1,1] Ultravisor Partition Id: Ultra Me: [0,1,24] 3.9MB	0: [0,1,20] 1023: [0,1,20] -redundant Mep [0,1,26] Partition X Type: Partition d: User X Me: [0,1,25] 4GB [1,x,x] (4-7 GB)	0: [0,1,24] 1: [0,1,24] 23: [0,1,24] 24: [0,1,24] 25: [0,1,25] 26: [0,1,26] 27: [0,1,20] Mem[0,1,18] Partition Y Type: Partition Id: User Y Me: [0,1,26] 1GB [0,768,x]-
Index [0,1,23] Hyper [0,1,24] Avail: [0,1,20]	[0,2x]	Mem[0,1,25]	[0,1023x] Mem[0,1,26]
Mem[0,1,23] Partition Missing	Mem[0,1,24] Partition Available		· Partition Boot
Type: Partition Id: Missing Me: [0,1,19] 3,9375TB (64GB-4TB]	Type: Partition ld: Available Me: [0,1,20] 58.9GB (8.64GB)	Type: Partition ld: ldie Me: [0,1,21] 64KB <not shown=""></not>	Type: Partition ld: Boot Me: [0,1,22] 4MB [0,0,0]- [0,0,1023]
Mem[0,1,19]	Mem[0,1,20]	Mem[0,1,21]	Mem[0,1,22]

Where Mem[G,M,K] := ((G * 2**10+M) * 2 **10 + K) * 2**10*2**2

Partition Memory Map

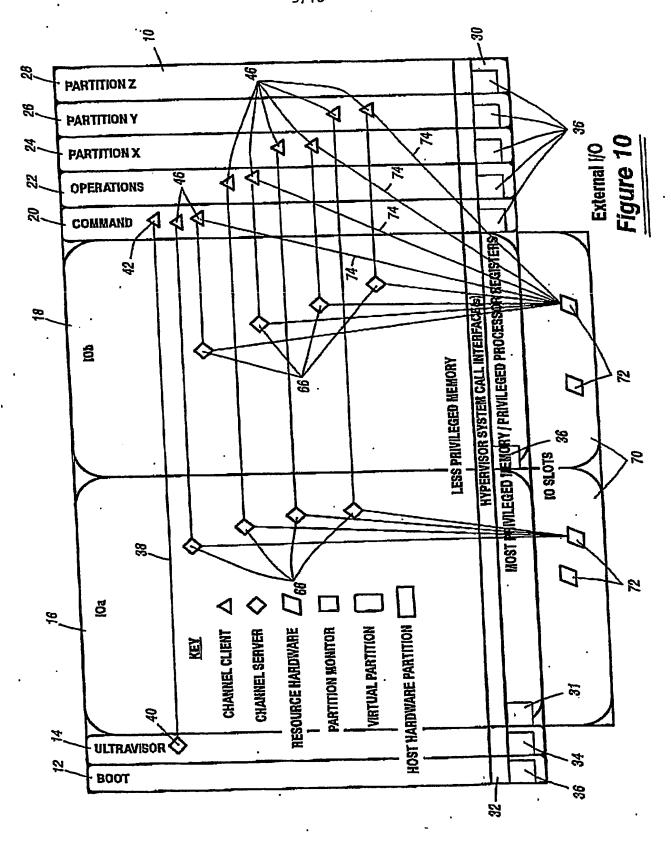
Figure 8



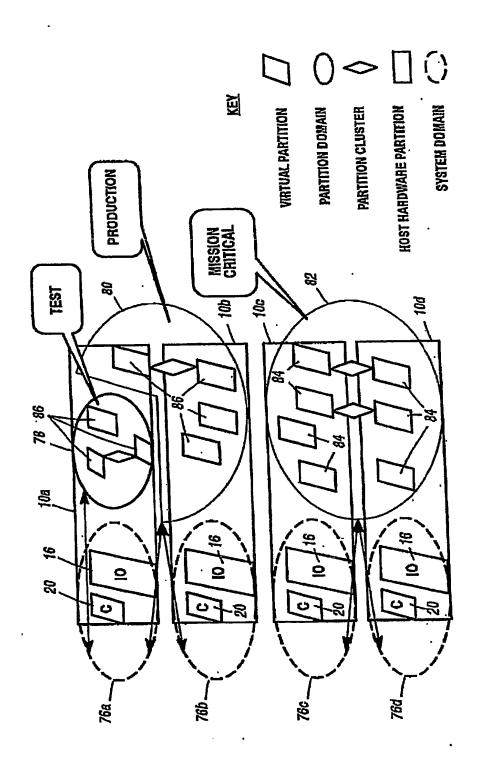
IPEA/US

PCT/USU4/33587 LEOSEDDS

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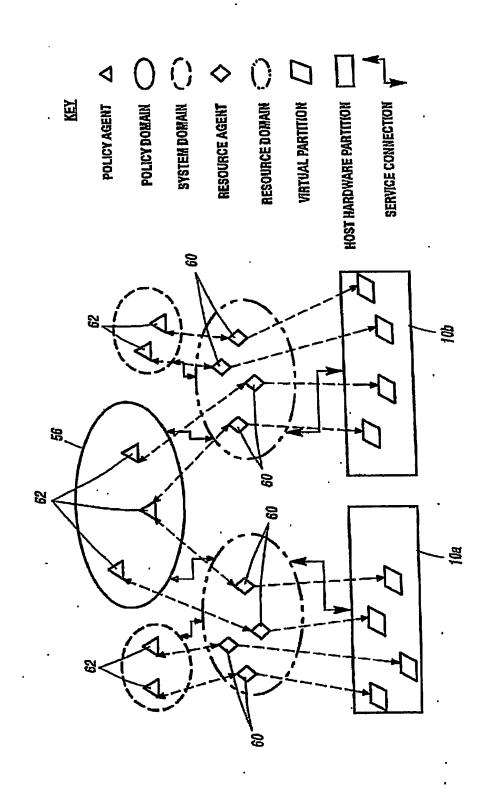


Ultravisor Domains Figure 11

IPEA/US

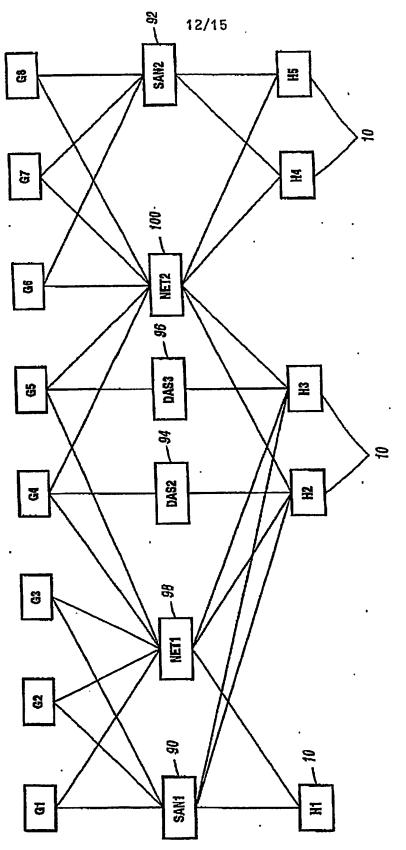
PLTYUSUMY BESET LORDS-COUR

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Ultravisor Partition Agents Figure 12

PCT/USCIP/BBBP_C6668008

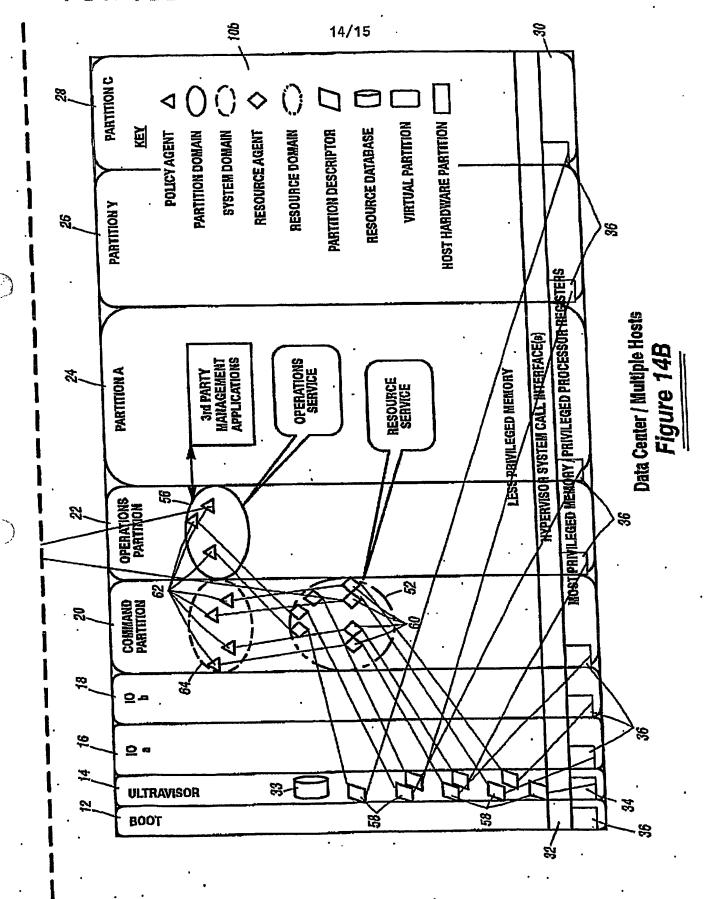


Virtual Data Center Zones
Figure 13

IPEAUS . PEAUS . PETZUSCHIBBEZ LOGOSBOTS

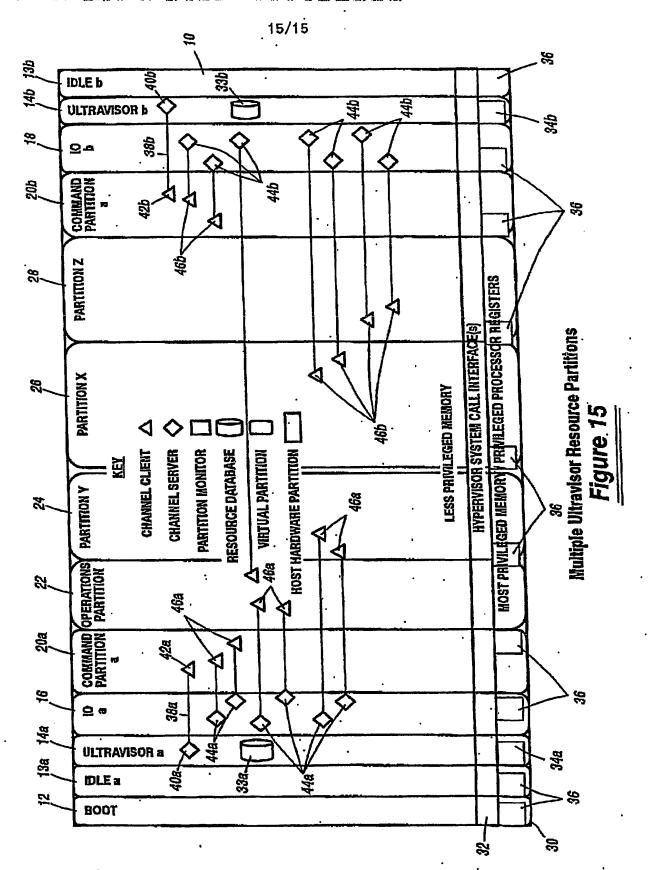
13/15 30 PARTITION Z VIRTUAL PARTITION HOST HARDWARE PARTITION KEY SYSTEM DOMAIN RESOURCE DATABASE POLICY AGENT PARTITION DOMAIN **RESOURCE AGENT** RESOURCE DOMAIN PARTITION DESCRIPTOR PARTITION B MOST PRIVILEGED MENGRY PRIVILEGED PROCESSOR REGISTERS Data Center / Multiple Hosts HYPERVISOR SYSTEM CALL'HHTERFACE(8) Figure 14A 3rd Party Management Applications OPERATIONS SERVICE **PARTITION X** 8. ESS PRIVILEGED NEMORY RESOURCE SERVICE OPERATIONS PARTITION 23 COMMAND. PARTITION 으ㅋ 9 Figure 14 **9** ₪ 4. £-**ULTRAVISOR** EOOT 28 Fig. 14B Fig. 14A ä

PEAUS . PETVOSOHVESSEZ LOSOSEDOS



IPEA/US

PCT/USD4/ABSE7_OGDSEDOS



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